

External Prosthesis, Robotic Limb, or Orthothosis in Heel Strike to Toe-Off Walking Sequence

Figure 1

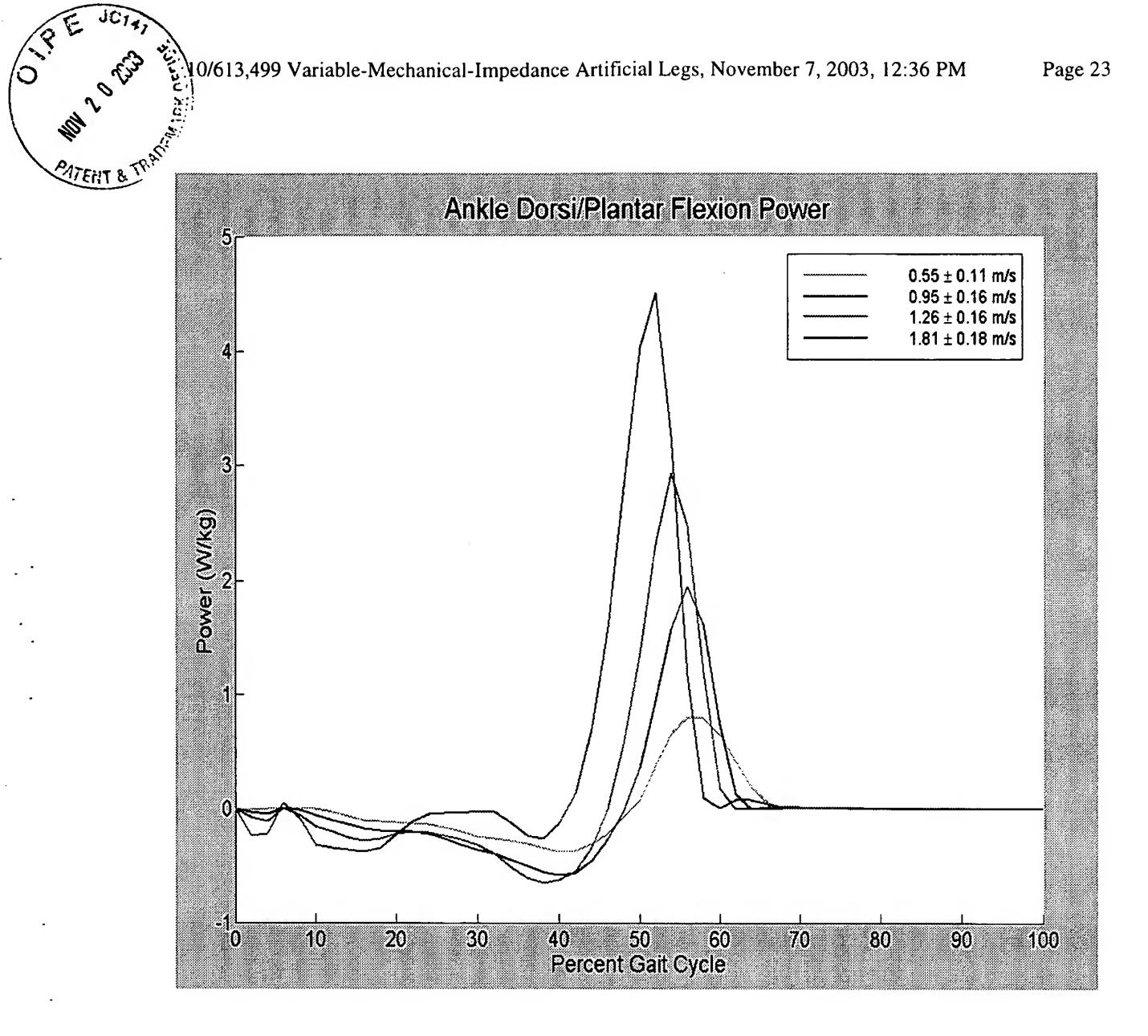


Figure 2

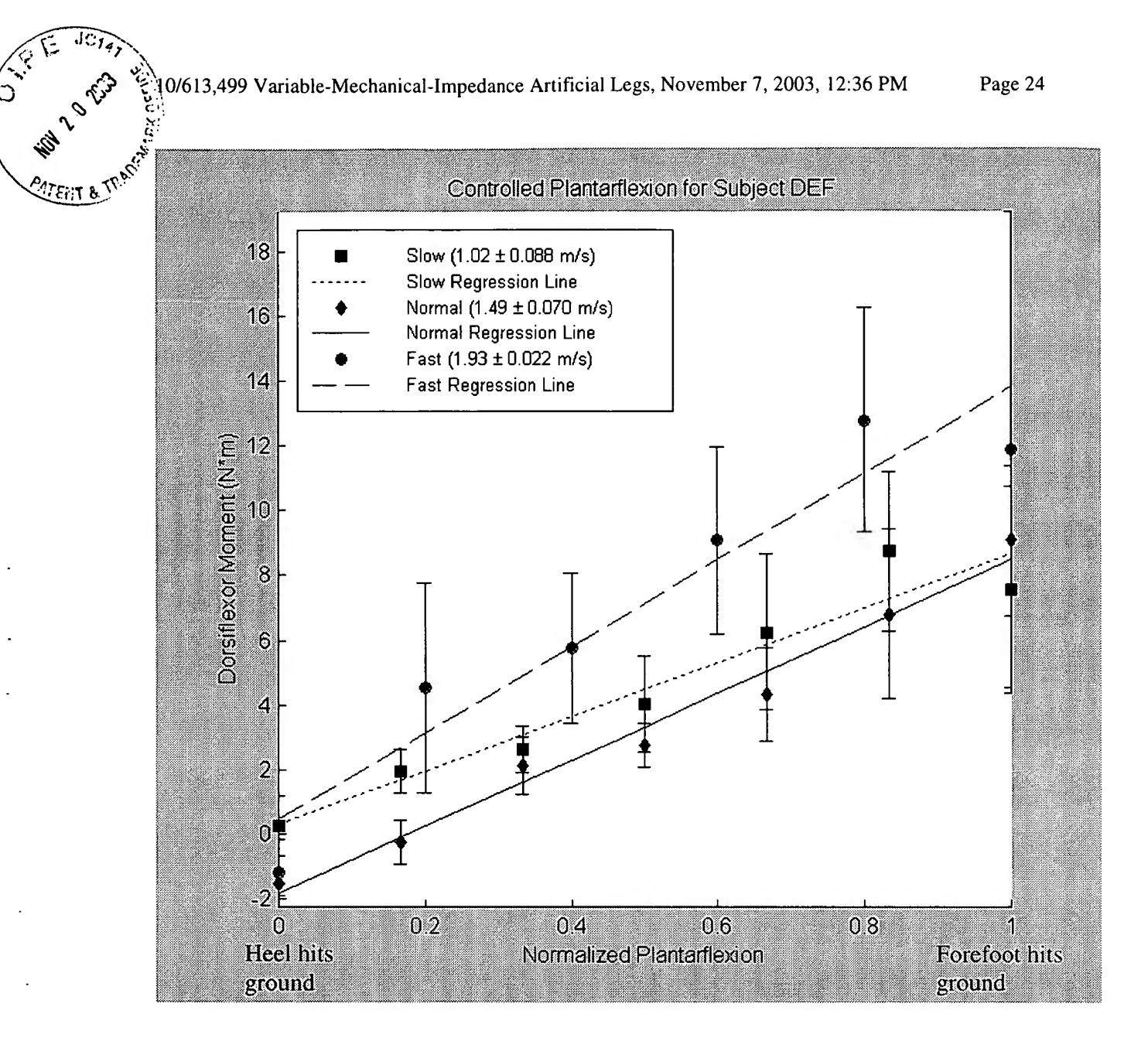


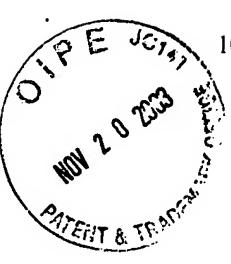
Figure 3

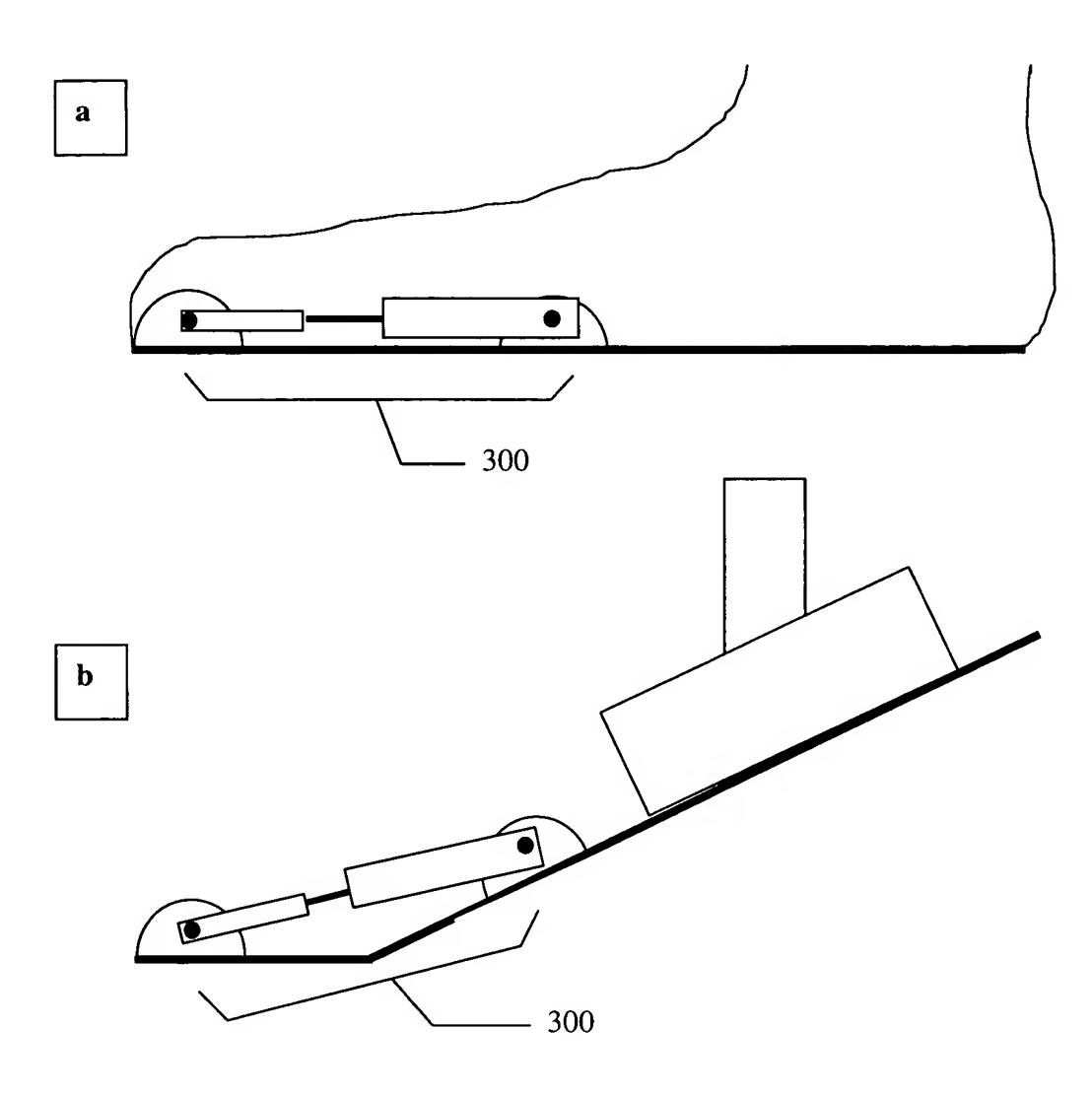
Prosthetic Mechanisms Designed to Power Plantar-flex

204

204

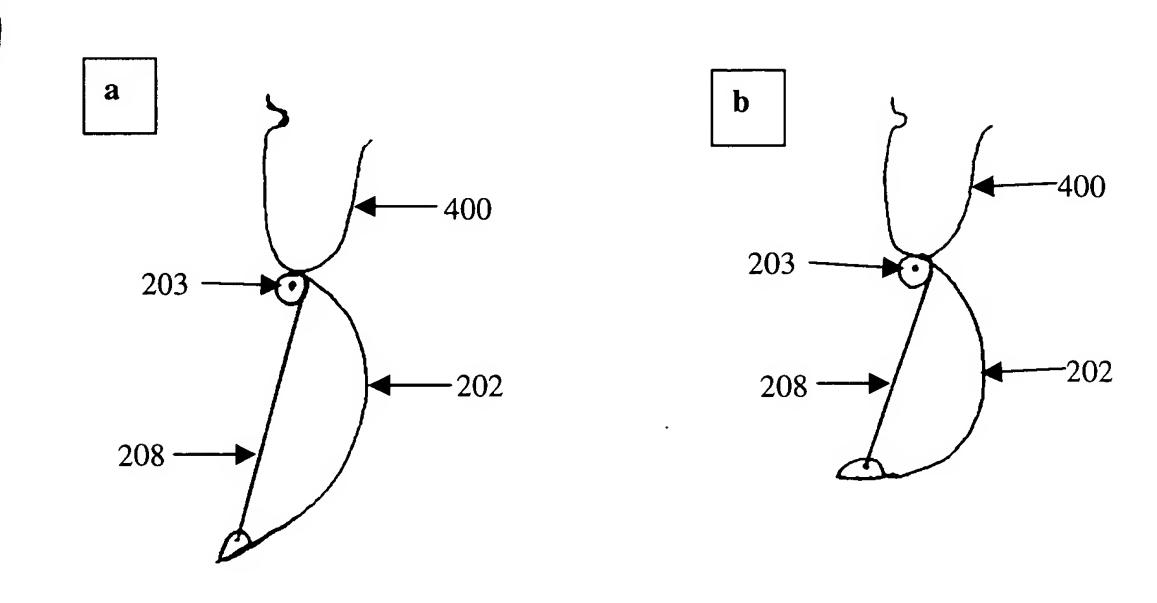
Figure 4

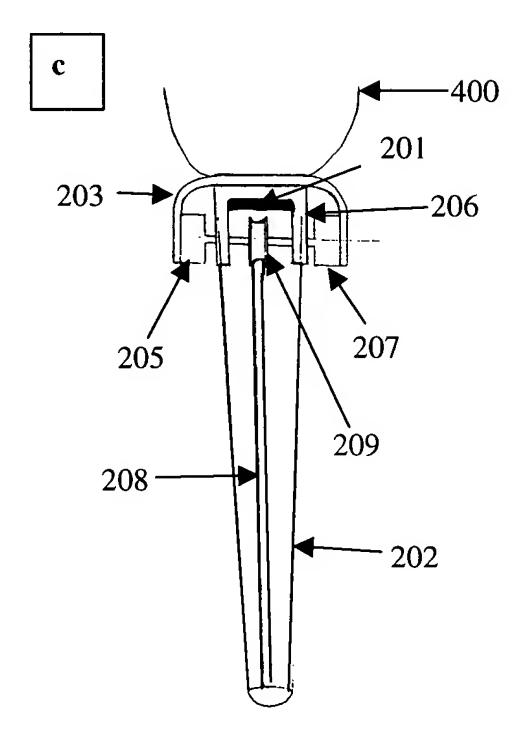




Catapult Leg Prosthesis for Walking, Running, and Jumping

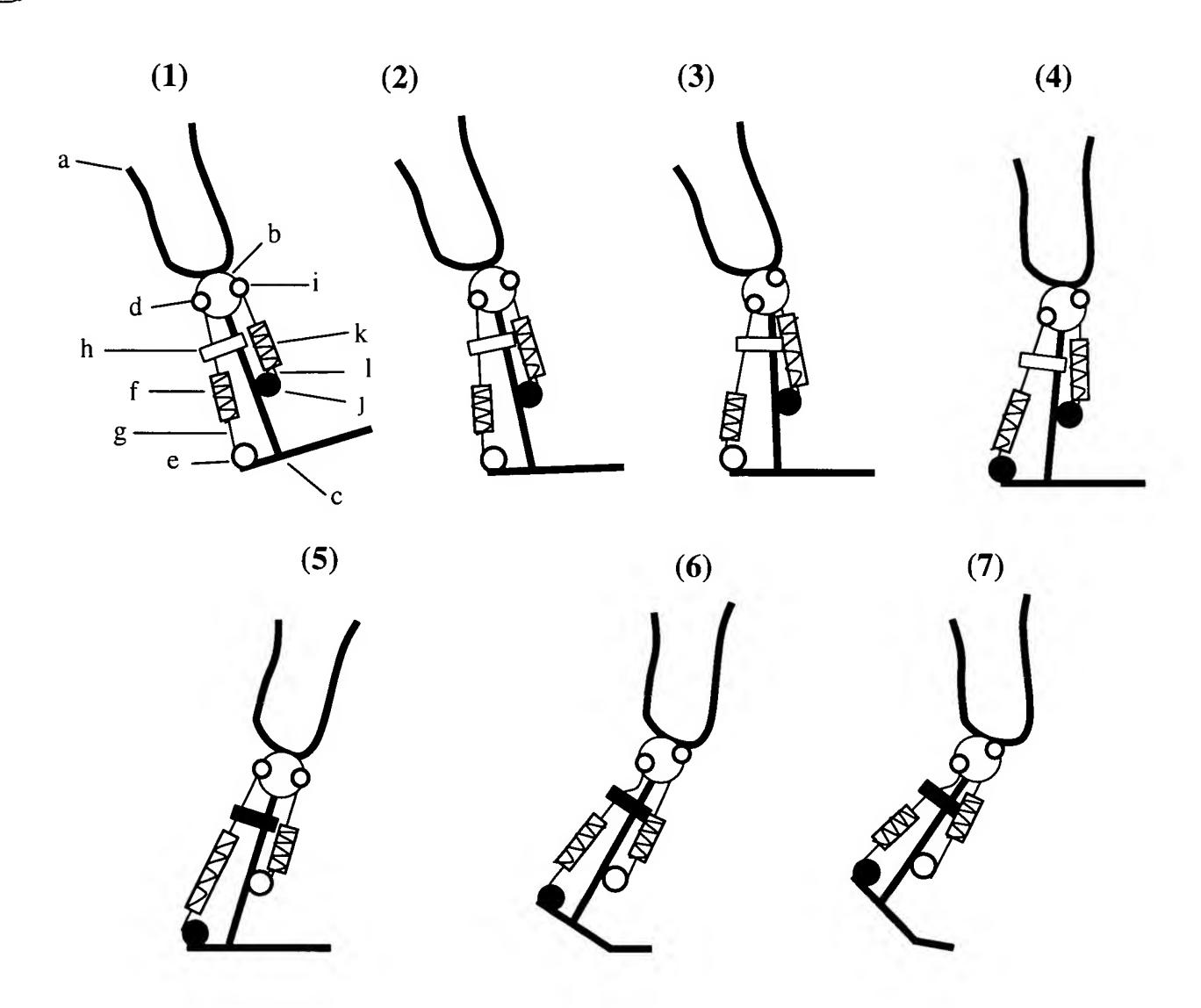
Figure 5





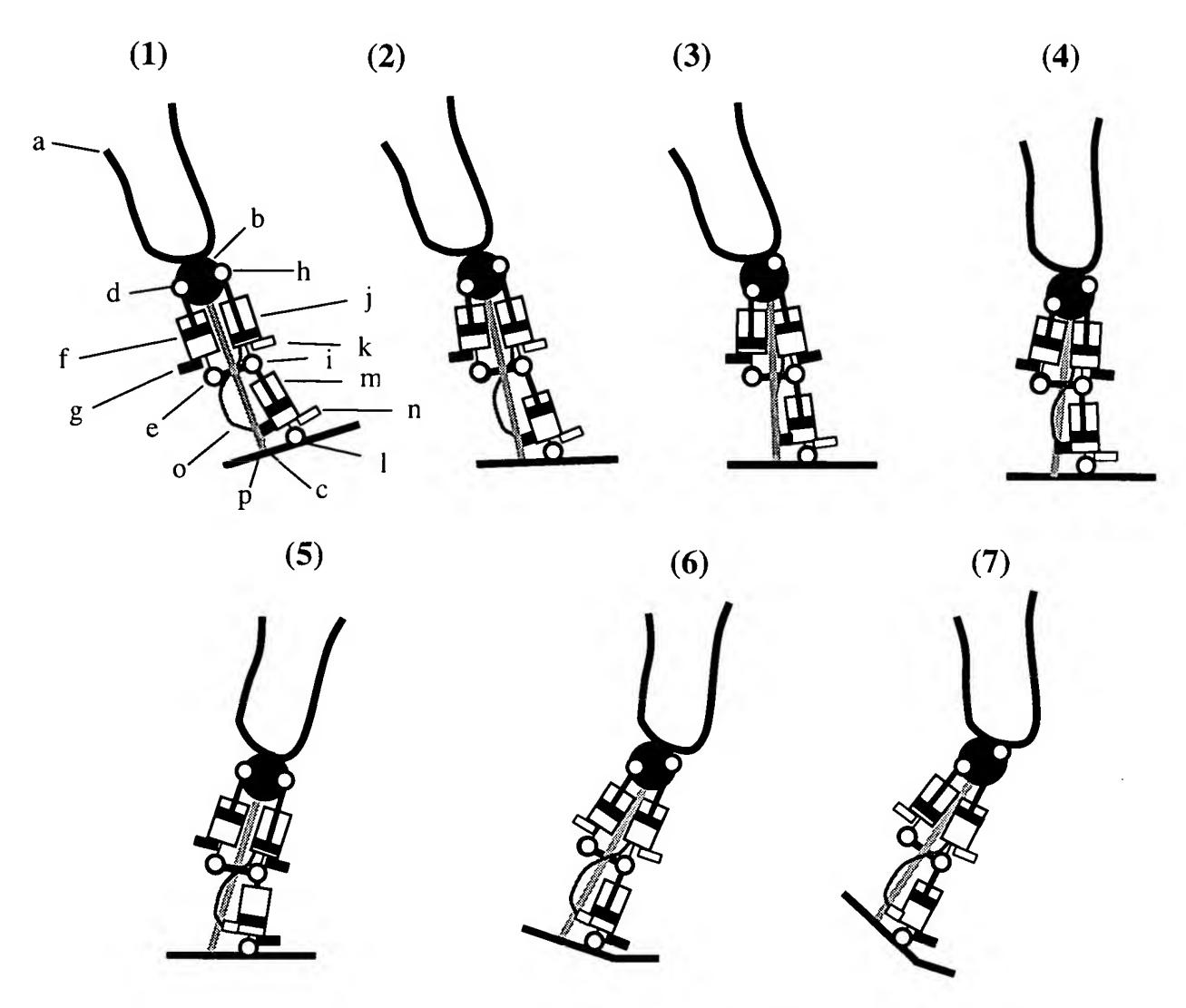
Catapult Leg Prosthesis for Walking, Running, and Jumping

Figure 6



External, Bi-articular Transfemoral Prosthesis, Robotic Limb, or Orthotic Brace in Heel-Strike to Toe-Off Walking Sequence

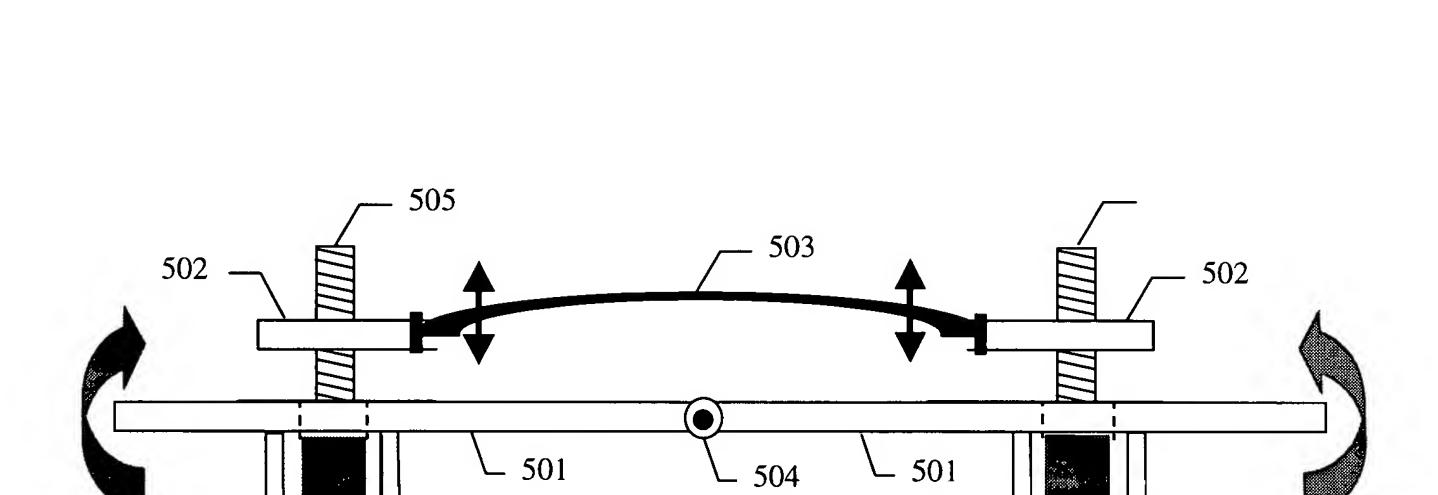
Figure 7



External, Bi-articularTtransfemoral Prosthesis in Heel-Strike to Toe-Off Walking Sequence

Figure 8

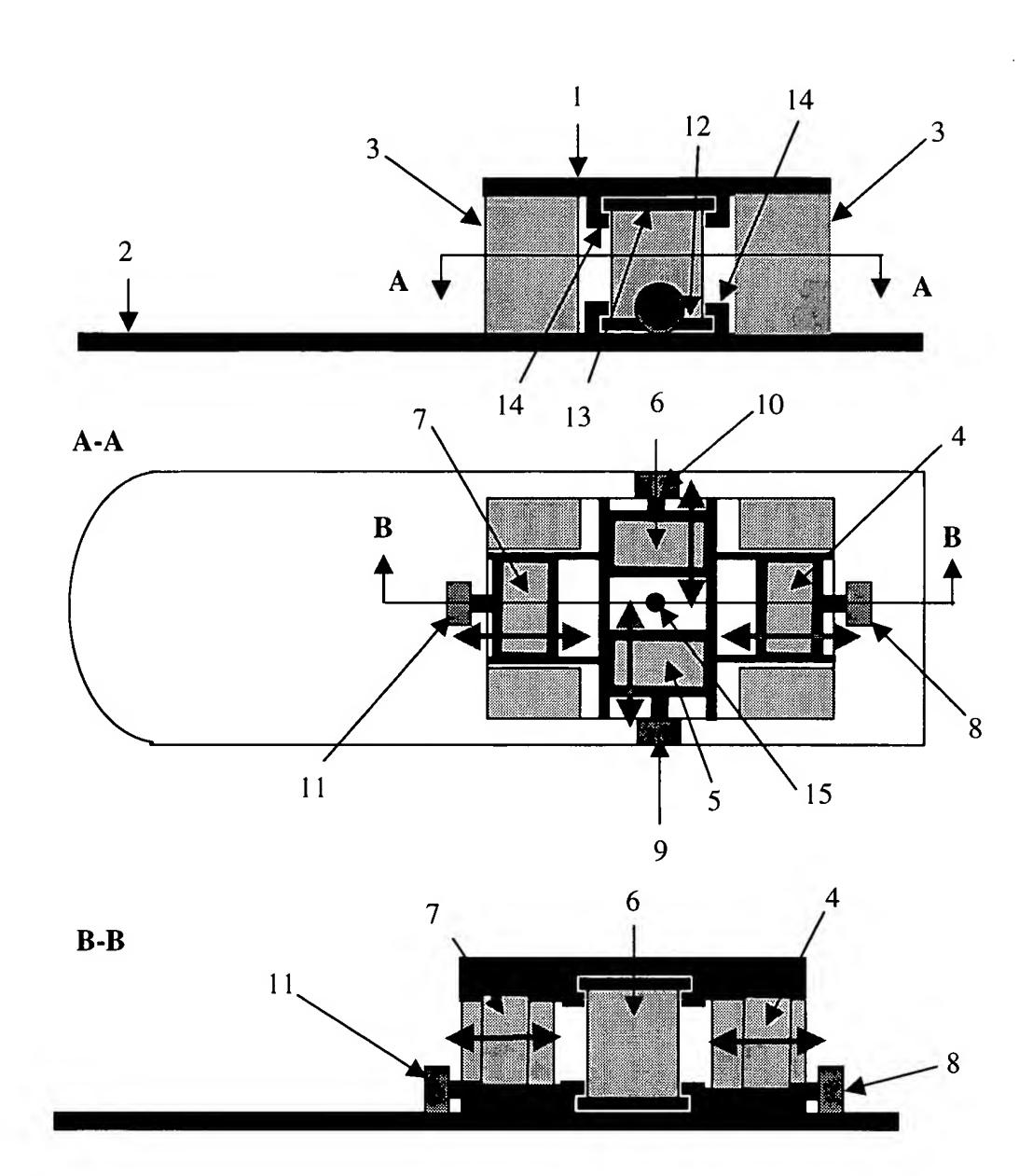
500



Variable Spring-Rate Joint

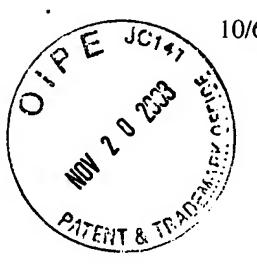
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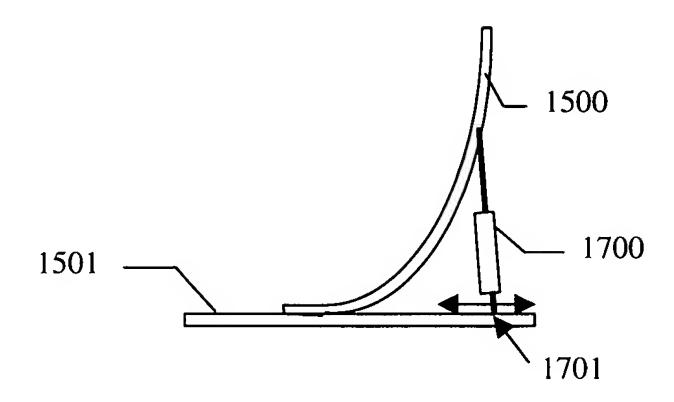
Figure 9



Low-Profile Prosthetic Foot

Figure 10





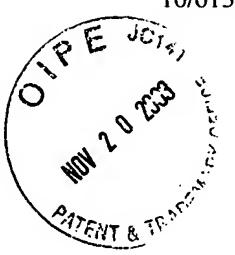
Example Prosthetic Ankle/Foot

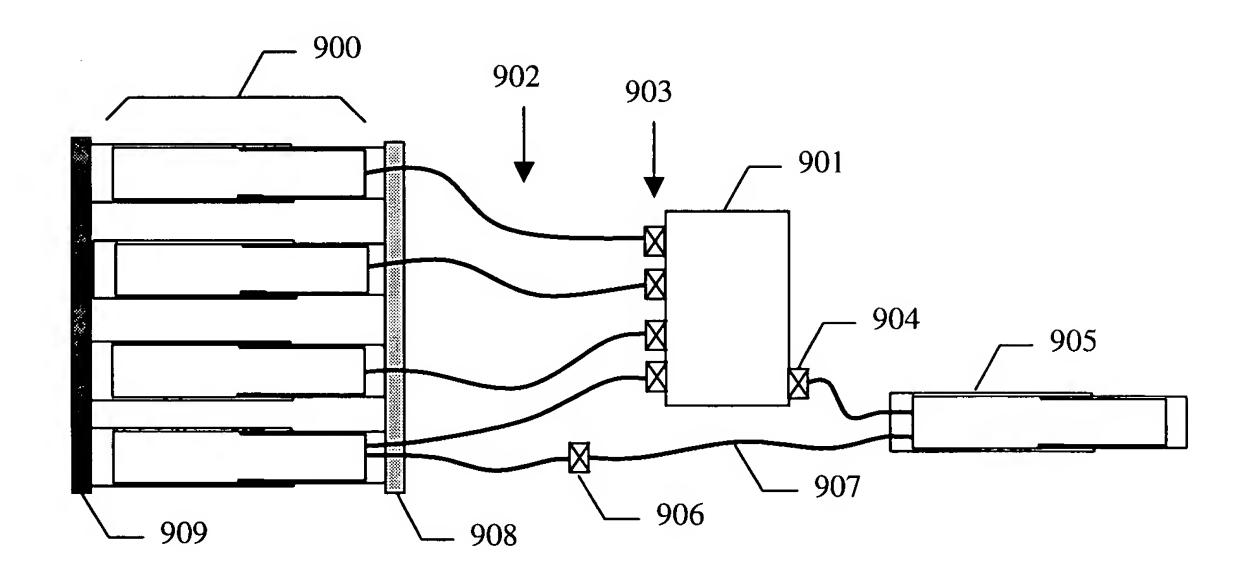
Figure 11

Figure 12

– 625

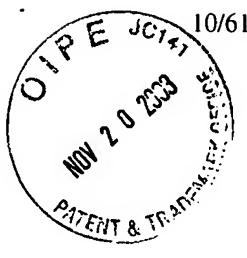
Displacement

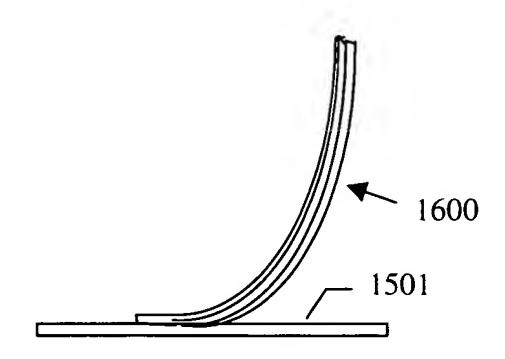




Variable-Spring-Rate Multiple-Pneumatic-Chamber and Energy Transfer System.

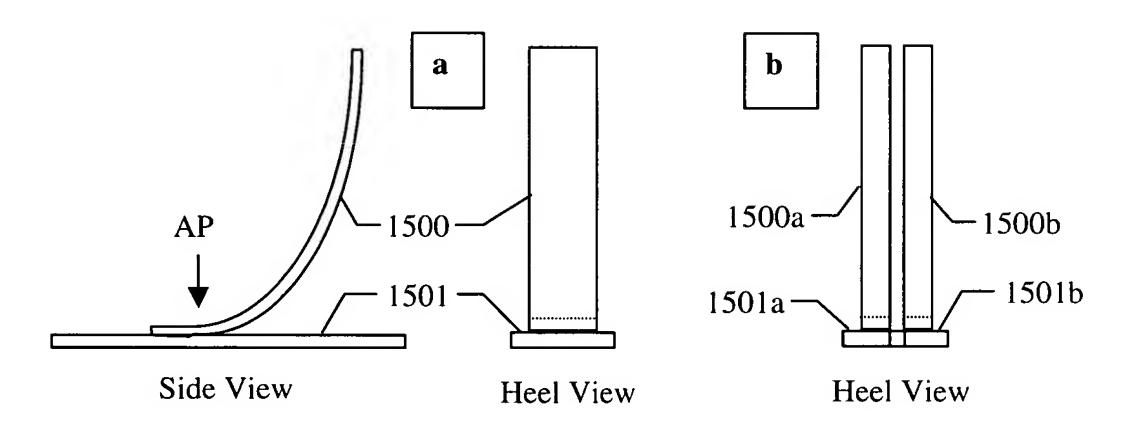
Figure 13





Prosthetic Ankle-Foot

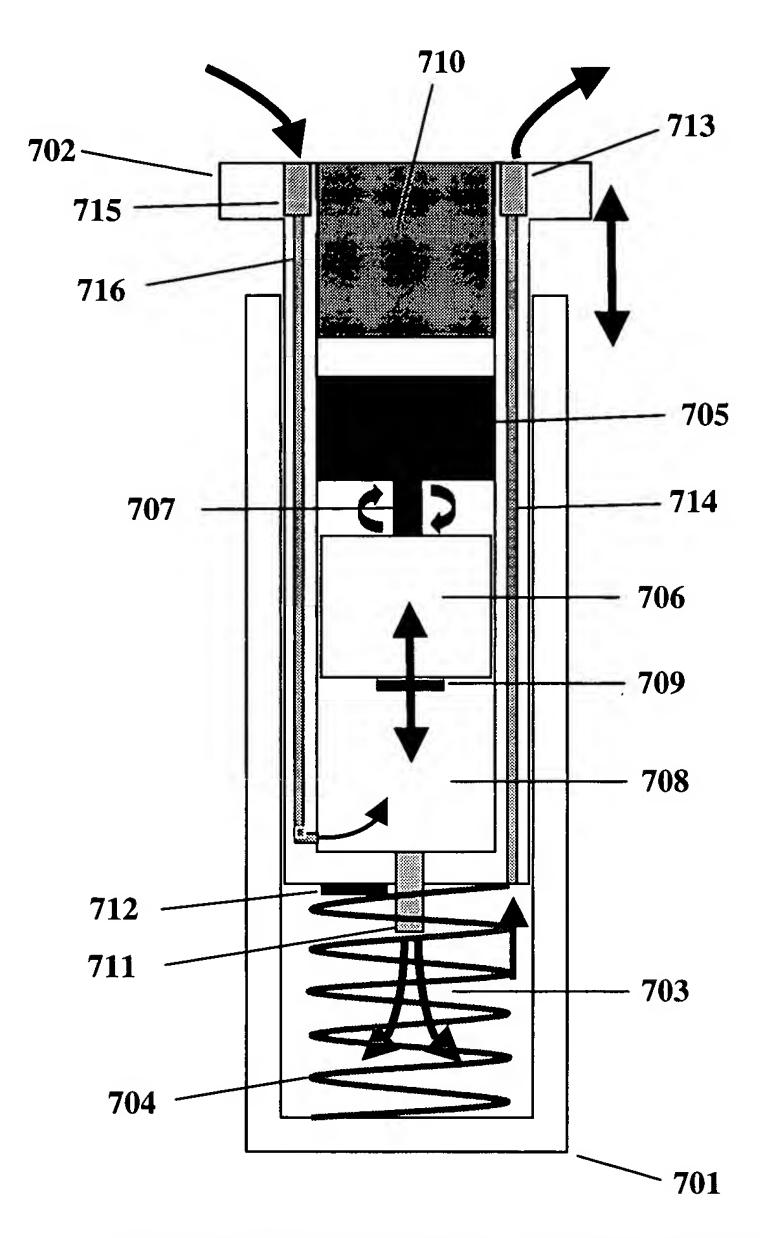
Figure 14



Prior-Art Prosthetic Ankle-Foot

Figure 15





Variable Stiffness Spring for an External Prosthesis

Figure 16